



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
National Ocean Service  
Silver Spring, Maryland 20910

**TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** August 11, 2009

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-O119-FA-2009  
**HYDROGRAPHIC SHEET:** H11824

**LOCALITY:** Vicinity of Vixen Inlet, Ernest Sound & Eastern Psg, AK  
**TIME PERIOD:** May 6 - 29, 2009

**TIDE STATION USED:** 945-0460 Ketchikan, AK  
Lat.55° 19.91'N Long. 131° 37.57' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 4.433 meters

**REMARKS: RECOMMENDED ZONING**  
**Use zone(s) identified as:** SA114 & SA115

**Refer to attachments for zoning information.**

**Note 1:** Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time on the 1983-2001 National Tidal Datum Epoch (NTDE).

**Peter J. Stone**

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CHIEF, OCEANOGRAPHIC DIVISION

